AMENDMENTS TO THE CLAIMS

The **Listing of Claims**, will replace all prior versions, and listings, of claims in this application.

Listing of Claims:

1.-42.   (Cancelled)

43.   (Presently Amended) System for provision of media packets and application packets to at least one group of end-users, each end-user has a display unit and a control unit for controlling the display unit, the system comprising:

a router, coupled to the control unit of the end-users, the router operative to receive application packets and media packets, and to provide group-associated application packets and media packets to control units of a group of end-users;

a session manager, coupled to the router, the session manager providing routing instructions to said router, for dynamically selecting group-associated application packets and media packets out of the received application packets and media packets;

wherein the control unit of each end-user is configured to process the application packets and accordingly (i) display at least a portion of a visual object on the display unit, or (ii) react to events that are related to the display of the at least portion of the visual object on the display unit; and,

~~The system according to claim 23,~~ wherein some of the application packets and some of the media packets are non-addressable packets, wherein some media packets are addressable packets, wherein the router comprising:

a plurality of input ports, including at least one non-addressable stream input port;

a plurality of non-addressable stream output ports;

a multiple port switch, connected between said non-addressable stream input ports and said non-addressable stream output ports;

said multiple port switch directing a non-addressable application packets and media packets, received from a selected one of said at least one non-addressable stream input ports, to at least a selected one of said at least one non-addressable stream output ports,

said multiple port switch selecting said selected non-addressable stream output port according to the type and identity of said selected non-addressable stream input port and the identity information embedded in said non-addressable application packet.

44.   (Original) The system according to claim 43, further comprising at least one addressable stream communication port, connected to said multiple port switch, said multiple port switch directing an addressable media packet, received from a selected one of said at least one addressable stream communication ports, to at least a selected one of said at least one non-addressable stream output ports.

45.   (Original) The system according to claim 43, wherein the selected non-addressable stream output port encapsulates an addressable media packet in a non-addressable stream packet, when the addressable packet is received from one of said at least one addressable stream input ports.

46.   (Original) The system according to claim 43, wherein MPEG transport packets are encapsulated into communication packets respective of the communication protocol of said multiple port switch.

47.   (Original) The system according to claim 43, wherein said at least one non-addressable stream input port comprises a multiple program transport interface and wherein said at least one non-addressable stream output port comprises a multiple program transport interface.

48.   (Original) The system according to claim 43, further comprising a plurality of stream processors, each said stream processor being connected between said multiple port switch and a respective one of said non-addressable stream output ports.

49.   (Original) The system according to claim 43 wherein the control unit is a digital set-top-box.

50.   (Original) The system according to claim 43 wherein application packets are arranged in at least one application packet group; wherein each application packet group comprises application packets allowing for executing an application.

51.   (Original) The system according to claim 43 wherein application packets comprise an identification IID field.

52.   (Original) The system according to claim 43 wherein at least some of the application packets comprise a display period field.

53.   (Original) The system according to claim 43 wherein at least some of the application packets comprise a bit map of a portion of a visual object.

54.   (Original) The system according to claim 43 wherein at least some of the application packets further comprise a location field indicative of a location of the portion of the visual object on the display unit.

55.- 122.   (Cancelled)

123.   (Presently Amended)   A method for providing application packets to at least one group of end-users, the method comprising the steps of:
            receiving application packets and media packets;
            dynamically selecting, for each group of end-users, group-associated media packets and application packets;
            providing to each group of end-users, out of the at least one group of end-users, the corresponding group-associated media packets and application packets;
            wherein application packets allow either for displaying at least a portion of a visual object on a display unit, or for reacting to events that are related to the display of the at least portions of the visual objects on the display unit;
            The method of claim 104 wherein at least some of the media packets and the application packets are non-addressable packets; and wherein the method further comprising the steps of:
            receiving non-addressable packets from an input port selected from at least one non-addressable stream input port;
            dynamically selecting packets out of the received packets to be provided to at least one of a plurality of non-addressable stream output ports; whereas at least one non-addressable stream output port is coupled to at least one group of end-users; and

directing said non-addressable packets to said selected non-addressable stream output port.

124.   (Original) The method according to claim 123 wherein the selection is responsive to the type and identity of said selected input port and the identity information embedded in said received packet.

125.   (Original) The method according to claim 123, wherein said input port is further selected from at least one addressable stream input port.

126.   (Original) The method according to claim 123, further comprising the step of prioritizing the directing of the session associate with said received packet.

127.   (Original) The method according to claim 123, further comprising the step of encapsulating said packet in a non-addressable stream packet, when said packet is received from one of said at least one addressable stream input ports.

128.   (Original)   The method according to claim 123, further comprising the step of encapsulating said packet in a addressable stream packet, when said packet is received from one of said at least one non-addressable stream input ports.

129.- 147   (Cancelled)

148.   (Presently Amended) The system according to ~~any claim out of claims 1, 23,~~ 43 ~~and 65~~ wherein at least one application ~~packets~~ packet embeds a portion of a code for displaying an advertisement.

149.   (Presently Amended) The method according to ~~any claim out of claims 84, 104,~~ 123 ~~and 132~~ wherein at least one application ~~packets~~ packet embeds a portion of a code for displaying an advertisement.